

City of Alvin Police Department

In-Car Digital Video Systems

&

Digital Wireless Evidence management Solution System

Bid # B-08-14 Summary

On June 10, 2008 at 2:00pm the received bids were opened in the City of Alvin Counsel Chambers. This Bid was for 9 In-Car Video Systems and a Digital Wireless Video Evidence Management Solution System.

The following were the only two bids that were opened that had pricing included in their bids packets.

Kustom Signals Inc.	\$ 63,405.00	New Bid Cost:	\$ 65,655.00
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L-3 Communications	\$ 66,832.00	New Bid Cost:	\$ 70,841.50
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Once the bid specifications were examined more closely, it was found that several specifications issues needed clarification from both vendors. The additional information was requested with their associated costs, and adjusted quotation sheets received. Further examination of the bid specifications was done and that resulted in the finalized information.

Kustom Signal Inc. Additional Bid information did not address the bid specifications.

- 1) This system required manual input to access system log-on. Bid Specs listed USB keys. There were no USB Keys, nor USB port on the DVR.
- 2) No spare 8GB flash cards
- 3) Only one (1) day of training for this new system.
- 4) Only 2.5 TB of Storage.
- 5) No "RAID" backup for video management system.
- 6) DVR unit dimensions exceeded specifications.
- 7) Wireless transmitter battery replacement not addressed in bid specifications.

L-3 Communications Additional Bid Information did address the bid specifications.

Therefore: The Alvin Police Department has determined, that it is in the best interest of the City of Alvin and the Alvin Police Department to Award this Bid to:

L-3 Communications in the amount of \$ 70,841.50

Note: Sales Tax Not Included in Configuration

<b>DIGITAL EYEWITNESS ION ECLIPSE IN-CAR VIDEO SYSTEM</b>	<b>QTY</b>	<b>Unit Price</b>	<b>Total Price</b>
<b>Each Digital Eyewitness ION Eclipse System Includes:</b>			
Miniature Color CCD Camera/Lens Module w/Power Zoom Auto Iris Lens			
External Record Indicator in Camera Module			
Choice of Overhead Console or Separate Controller/Monitor Mount			
<i>Agency must specify type of mount at time of order.</i>			
ClearComm 900MHz Wireless Audio System (1 Transmitter/1 Base Station)			
In-car Microphone			
Rear-Facing Infrared Black and White Camera			
GPS Kit			
Choice of Manual, Wired or Wireless Video Transfer			
<i>Agency must specify method of file transfer at time of order. If wireless file transfer is chosen, please note that only the in-car components are included.</i>			
Radar Speed Data Input Port (Compatible radar data protocol required)			
8 GB Compact Flash Card Recording Media			
MPEG1, 2 or 4 Compression			
Stop/Hold Classification			
Pre-Event Recording			
Post-Event Recording			
Compact, Lockable Media Vault			
One-Year Warranty (Includes Parts and Labor)			
Shipping			
<b>Digital Eyewitness ION Eclipse Total:</b>	<b>9</b>	<b>\$4,995.00</b>	<b>\$44,955.00</b>

### **OPTIONAL UPGRADES FOR DIGITAL EYEWITNESS ION ECLIPSE SYSTEMS**

#### **Digital Eyewitness ION Eclipse Optional Upgrades (Must be specified at time of order)**

Menu Security	Add	\$40.00	Each
Ignition Module	Add	\$50.00	Each
Radar Interface Cable	Add	\$100.00	Each
<i>Kustom Signals must evaluate the radar system prior to installation.</i>			
Crash Record Activation	Add	\$220.00	Each
Additional 8GB Compact Flash Card	Add	\$470.00	Each

#### **Digital Eyewitness ION Eclipse Installation**

In-Car System Installation	Add	\$300.00	Each
<i>Installation/maintenance training also available from Kustom Signals. Please contact for details.</i>			

#### **Digital Eyewitness ION Eclipse Extended Warranties**

3rd Year Extended Warranty	Add	\$400.00	Each
4th Year Extended Warranty	Add	\$500.00	Each
5th Year Extended Warranty	Add	\$600.00	Each

#### **Digital Eyewitness ION Eclipse Training**

An one-day train-the-trainer session is provided with the purchase of the in-car video systems. After completion of this training, the attendees will be able to train other officers/users at the Alvin Police Department. If the Agency feels additional days of training are necessary, please contact District Manager Dan McCoin or Inside Sales Representative Jenny Coughenour to coordinate training dates and times.

Note: Sales Tax Not Included in Configuration

<b>WORKSTATION DIGITAL EYEWITNESS MEDIA MANAGER (DEMM)</b>	<b>QTY</b>	<b>Unit Price</b>	<b>Total Price</b>
The Workstation DEMM has 2.5 terabytes of storage.			

**Dell Server**

Intel™ Core®2 Duo E6850 3.00GHz/1333MHz/4MB L2

**Operating System**

Windows® XP Professional, SP2

**Memory**

2GB, 800MHz, DDR2 SDRAM Memory, ECC (2 DIMMS)

**Graphics Card**

256MB PCIe x16 nVidia Quadro FX570

**DVD**

16xDVD & 16xDVD+/-RW

**Network**

Broadcom NetXtreme 10/100/1000 Gigabit Ethernet controller-PCI Express

**Hard Drive Configuration**

All SATA, No RAID for 3 drives

**Boot Hard Drive**

1TB SATA 3.0Gb/s, 7200 RPM with 16MB DataBurst Cache

**2nd Hard Drive**

1TB SATA 3.0Gb/s, 7200 RPM with 16MB DataBurst Cache

**3rd Hard Drive**

500GB SATA 3.0Gb/s with NCQ and 16MB DataBurst Cache

**Monitor/Speaker/Keyboard/Mouse**

**RemHDD**

Removable Hard Disk Drive Receiver (1-year warranty)

**Installation and Support**

System Installation

Operator Training

**Three Year DELL Parts Maintenance Agreement**

**One Year Software Maintenance Agreement**

**DVD Archiver (Capacity of 50 DVDs - DVDs not included)**

**DEMM Playback Server (Tower)**

**Shipping**

<b>Digital Eyewitness Media Manager Total:</b>	<b>1</b>	<b>\$18,450.00</b>	<b>\$18,450.00</b>
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**OPTIONAL UPGRADES FOR DIGITAL EYEWITNESS MEDIA MANAGER SYSTEM**

**Digital Eyewitness Media Manager Optional Upgrades**

**Wireless Access Point Station Mount Kit**

Add \$300.00 Each

*Includes 1 Access Point, External Antenna, Antenna Mount & Antenna Cable.  
Kustom Signals will conduct a site survey upon award to determine the exact  
number of wireless access points necessary.*

**Digital Eyewitness Media Manager Post Warranty Maintenance**

The Digital Eyewitness Media Manager hardware includes a three-year DELL warranty.  
Additional years warranty can be quoted directly by DELL.

Kustom Signals' customer support will be available by phone during normal business hours at no charge.

**Annual Post Warranty Software Maintenance Prices**

\$500.00 Each Year (for up to 5 years)

*Software maintenance covers changes made to configure DEMM to new specifications. Not all upgrades are covered.*



Note: Sales Tax Not Included in Configuration

DIGITAL EYEWITNESS ION ECLIPSE IN-CAR VIDEO SYSTEM				QTY	Unit Price	Total Price
<b>Each Digital Eyewitness ION Eclipse System Includes:</b>						
Miniature Color CCD Camera/Lens Module w/Power Zoom Auto Iris Lens						
External Record Indicator in Camera Module						
Choice of Overhead Console or Separate Controller/Monitor Mount						
<i>Agency must specify type of mount at time of order.</i>						
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<i>Agency must specify method of file transfer at time of order. If wireless file transfer is chosen, please note that only the in-car components are included.</i>						
Radar Speed Data Input Port (Compatible radar data protocol required)						
8 GB Compact Flash Card Recording Media						
MPEG1, 2 or 4 Compression						
Stop/Hold Classification						
Pre-Event Recording						
Post-Event Recording						
Compact, Lockable Media Vault						
One-Year Warranty (Includes Parts and Labor)						
Shipping						
<b>Digital Eyewitness ION Eclipse Total:</b>				<b>9</b>	<b>\$5,145.00</b>	<b>\$46,305.00</b>

#### OPTIONAL UPGRADES FOR DIGITAL EYEWITNESS ION ECLIPSE SYSTEMS

##### Digital Eyewitness ION Eclipse Optional Upgrades (Must be specified at time of order)

Menu Security	Add	\$40.00	Each
Crash Record Activation	Add	\$220.00	Each
Additional 8GB Compact Flash Card	Add	\$470.00	Each

##### Digital Eyewitness ION Eclipse Installation

In-Car System Installation	Add	\$300.00	Each
<i>Installation/maintenance training also available from Kustom Signals. Please contact for details.</i>			

##### Digital Eyewitness ION Eclipse Extended Warranties

3rd Year Extended Warranty	Add	\$400.00	Each
4th Year Extended Warranty	Add	\$500.00	Each
5th Year Extended Warranty	Add	\$600.00	Each

##### Digital Eyewitness ION Eclipse Training

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**Operating System**

Windows<sup>®</sup> XP Professional, SP2

**Memory**

2GB, 800MHz, DDR2 SDRAM Memory, ECC (2 DIMMS)

**Graphics Card**

256MB PCIe x16 nVidia Quadro FX570

**DVD**

16x DVD & 16x DVD +/- RW

**Network**

Broadcom NetXtreme 10/100/1000 Gigabit Ethernet controller-PCI Express

**Hard Drive Configuration**

All SATA, No RAID for 3 drives

**Boot Hard Drive**

1TB SATA 3.0Gb/s, 7200 RPM with 16MB DataBurst Cache

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**RemHDD**

Removable Hard Disk Drive Receiver (1-year warranty)

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**Three Year DELL Parts Maintenance Agreement**

**One Year Software Maintenance Agreement**

**DVD Archiver (Capacity of 50 DVDs - DVDs not included)**

**DEMM Playback Server (Tower)**

**Three (3) Wireless Access Point Station Mount Kits**

Each Kit includes Access Point, External Antenna, Antenna Mount & Antenna Cable

**Shipping**

<b>Digital Eyewitness Media Manager Total:</b>	<b>1</b>	<b>\$19,350.00</b>	<b>\$19,350.00</b>
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**OPTIONAL UPGRADES FOR DIGITAL EYEWITNESS MEDIA MANAGER SYSTEM**

**Digital Eyewitness Media Manager Post Warranty Maintenance**

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Kustom Signals' customer support will be available by phone during normal business hours at no charge.

**Annual Post Warranty Software Maintenance Prices**

\$500.00 Each Year (for up to 5 years)

Software maintenance covers changes made to configure DEMM to new specifications. Not all upgrades are covered

City of Alvin  
216 W. Sealy St.  
Alvin, TX 77511



Quotation

DATE June 24, 2008

QTY	DESCRIPTION	UNIT PRICE	AMOUNT
9	<b>MVD-FBDVS</b> L-3 Mobile-Vision In-Car Digital Video Recording (DVR) solution with: FlashBack™ Digital Video Recorder (DVR) • Nite-Watch™ Color camera with a 12X Optical – 144X Digital zoom lens. • Standalone Active Matrix Color 3.5" LCD Monitor. • VoiceLink Plus™ 900MHz DSS Wireless Microphone. • Overwrite Protection feature. • Wireless 802.11(g) LAN Card and Antenna. • 8GB Flash Memory Card. • GPS Receiver and Antenna. • All mounts, cables and hardware. • 1-Year Factory Parts and Labor Warranty. Installation Not Included	\$ 5,295.00	\$ 47,655.00
9	<b>MVD-IR-CAM</b> Backseat Infrared Camera	\$ 265.50	\$ 2,389.50
9	<b>MVD-RDR-INT</b> Radar Interface Cable	\$ 180.00	\$ 1,620.00
9	<b>MVD-FB-INSTALL</b> Installation of Flashback DVR into Police Vehicles	\$ 225.00	\$ 2,025.00
30	<b>MVD-FB-USB-128</b> USB Key: Provides automated entry of Officer Information	\$ 22.95	Include
2	<b>MVD-CF8GB</b> Spare 8GB Compact Flash card.	\$ 195.00	Include
6	<b>MVD-TRADE-IN</b> Credit for trade-in of existing in-car VHS system - applies only to systems traded in.	\$ (500.00)	\$ (3,000.00)

#### L-3 Mobile-Vision Digital Evidence Pro

L-3 Mobile-Vision's Digital Evidence Pro Solution features Network access and viewing of evidence video. It provides the department with a centralized, secure cost effective method of storing and managing video files. Featuring search capabilities via various "Key Data" including: officer name, vehicle, date, time, etc. Case file creation "Rich Media" support (digital photo's, digital audio, documents, etc.) extended case "Key Data" search. Secure chain of custody with user profiles and access rights. Provides fast search, retrieval and copy capabilities. Allows for playback of videos with "VCR like" on-screen controls and easy exporting of video to portable media. Fully supports wireless download from the Flashback™ recorder via 802.11 (g) standard. This solution has been engineered to support a fleet of up to 13 vehicles, operating with 7 cars per shift on a 3x8 hour shift schedule. Audio/Video recorded per shift is based on industry norms of 1.5-2.5 hours per vehicle, per shift. Standard video will be maintained online for 30 Days before moving to long term storage (DVD). Should these metrics change or the Agency alter their operating metrics, please contact L-3 Mobile-Vision for a revised quote. Please note: Recording of non-incident audio/video is not recommended and may require additional storage. Should you require additional storage please contact L-3 Mobile-Vision for a quote.

1	<b>MVD-DEP2706</b> DVM Server, Storage & Distribution System Dell Server: Dual 3GHZ, 1 GB RAM, 3 TB RAID 5 L-3 Mobile-Vision Digital Evidence Pro Software Redhat Linux Op Syst / Postgresql Database DVD-Rom, Floppy, Monitor, Keyboard, Mouse Power Connect Switch 10/100/1000	\$ 12,568.00	\$ 12,568.00
3	<b>MVD-8675-A-ASSY</b> Wireless Access Point w/External Mounted Antenna 802.11(a) Wireless Access point Antenna and Cabling (Note: Pricing does not include installation)	\$ 795.00	\$ 2,385.00
1	<b>MVD-WAP-INSTALL</b> Installation of up to 3 Wireless Access Points at Alvin PD.	Included	Include
1	<b>MVD-DVD/BU</b> DVM Backup/Archiving Station Dell GX 280 Celeron 325, 256 MB 80GB SATA/NTFS Primera Bravo II DVD writer /printer w/25 DVD capacity Windows XP Op System/DVD+R/RW L-3 Mobile-Vision DVD Archiving Software 100-pack-white-printable-DVD-R-media	\$ 2,984.00	\$ 2,984.00
1	<b>MVD-UPS1000</b> UPS 1500 VA	\$ 365.00	\$ 365.00
1	<b>MVD-DET-BT1</b> Solution Configuration / Training System build out and configuration plus 1-2 days (on site) training	\$ 1,850.00	\$ 1,850.00

Note: Pricing does not include installation of the antenna, network wiring or wireless access points.

SUBTOTAL \$ 70,841.00

Delivery: 90 Days or Less ARO

SALES TAX (as required)

Credit Terms: Net 30 days

Shipping w/n the continental USA via UPS Ground

Other State/Local Fees: Not Included

TOTAL \$ 70,841.00

90 Fanny Road • Boonton, NJ 07005 Voice: 800-336-8475 or 973-263-1090 Fax: 973-257-3024  
E-Mail Address: sales.mvi@L-3com.com Web Page: www.L-3com.com/MV

City of Alvin  
216 W. Sealy St.  
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SALES TAX (as required)

Credit Terms: Net 30 days

Shipping w/n the continental USA via UPS Ground

Other State/Local Fees: Not Included

TOTAL \$ 66,832.00

90 Fanny Road • Boonton, NJ 07005 Voice: 800-336-8475 or 973-263-1090 Fax: 973-257-3024  
E-Mail Address: sales.mvi@L-3com.com Web Page: www.L-3com.com/MV